

ELECTRONIC TUBE REFERENCE

KU71

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Ceramic-metal hydrogen thyatron designed for compact radar and missile modulators, providing fast high-current switching in pulsed-power transmitter systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	12000 V
MAXIMUM CATHODE CURRENT	200 A

Ceramic-metal hydrogen thyatron for compact radar and missile modulators.

SOURCE OPERATING CONDITIONS

1962 ITT

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1962 ITT

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	3.5-7.0 A	—
Minimum Heating Time	180 s	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Anode Voltage Forward	12000 V	—
Maximum Peak Anode Voltage Inverse	12000 V	—
Maximum Peak Anode Current	200 A	—
Maximum Average Anode Current	200 mA	—
Maximum RMS Anode Current	5 A	—
Maximum Anode Current Rate of Rise	2000 A/us	—
Maximum Anode Delay Time	0.5 us	—

TUBE TINKER

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and their source documents.

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